



Sheet 1 of 4

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 7175-73257	SERIAL No. 10/633,823
	APPLICANT Richard H. Heimbrock, et al.	
	FILING DATE August 4, 2003	GROUP Unknown

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
R.J.	AA	239,664 A	Apr. 5, 1881	Nash	297	19	
	AB	299,670 A	Jun. 3, 1884	Nash	297	19	
	AC	354,579 A	Dec. 21, 1886	Pfeiffer	5	626	
	AD	694,353 A	Mar. 4, 1902	Clifton	5	116	
	AE	984,374 A	Feb. 14, 1911	Jardin	5	154	
	AF	1,344,088 A	Jun. 22, 1920	Lundborn	5	626	
	AG	1,884,552 A	Oct. 25, 1932	Bradley	5	100	
	AH	1,900,478 A	Mar. 1933	Zimmermann	5	100	
	AI	1,907,298	May, 1933	Kroll	5	100	
	AJ	2,478,028 A	Aug. 1949	Travis	5	100	
	AL	2,799,869	Jul. 1957	Leone, et al.	5	430	
	AM	2,871,490 A	Feb. 1959	Balonick	5	430	
	AN	2,976,548	Mar. 1961	Maertins	5	430	
R.S.	AL	3,012,253	Jan. 13, 1960	Hamilton	5	100	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
R.S.	AM	CA 1031505	May 1978	Canada			
R.S.	AN	DE 1954076	May 1971	Germany	5	100	
R.S.	AO	DE 3510707	Oct. 1986	Germany	5	425	
R.S.	AP	GB 430276	Jun. 1935	Great Britain			
R.S.	AR	GB 637951	May 1950	Great Britain	5	100	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AS
	AT
	AU
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	AX

Examiner <i>Robert E. Santos</i>	Date Considered <i>February 8, 2004</i>
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
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Sheet 2 of 4

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 7175-73257		SERIAL No. 10/633,823	
				APPLICANT Richard H. Heimbrock, et al.			
				FILING DATE August 4, 2003		GROUP Unknown	

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
RS	BA	3,063,066 A	Nov. 13, 1962	Peck, et al.	5	429	
	BB	3,345,653 A	Oct. 10, 1967	Mixon	5	97	
	BC	3,351,961	Nov. 1967	Daniels, et al.	5	430	
	BD	3,419,922 A	Jan. 1969	Malherbe	5	430	
	BE	3,641,598 A	Feb. 1972	Feldstein	5	100	
	BF	3,763,507 A	Oct. 9, 1973	Propst	5	100	
	BG	3,896,514 A	Jul. 1975	Feldstein	5	100	
	BH	3,921,233 A	Nov. 25, 1975	Mann	5	97	
	BI	3,930,273 A	Jan. 1976	Stern	5	430	
	BJ	4,215,446 A	Aug. 1980	Mahoney	5	425	
	BK	4,226,452 A	Oct. 1980	Hoffman, et al.	5	100X	
RS	BL	4,439,880 A	Apr. 1984	Koncelik, et al.	5	425X	

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
RS	BM	GB 1094692	Dec. 1967	Great Britain			
RS	BN	WO 98/58570	Dec. 1998	WO			
	BO						
	BP						
	BR						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)	
	BS
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	BY
	BZ

Examiner <i>Robert G. Santos</i>	Date Considered <i>February 8, 2004</i>
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				FILING DATE August 4, 2003		GROUP Unknown	

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
RS	CA	4,530,528 A	Jul. 1985	Shamie	5	100X	
	CB	4,653,129 A	Mar. 1987	Kuck, et al.	5	400	
	CC	4,706,312 A	Nov. 1987	Shamie	5	100X	
	CD	4,752,977 A	Jun. 1988	Smith, et al.	5	92.1	
	CE	4,827,545 A	May 1989	Arp	5	424	
	CF	5,044,025 A	Sept. 1991	Hunsinger, et al.	5	424	
	CG	5,068,935 A	Dec. 1991	Hagopian	5	425X	
	CH	5,097,550 A	Mar. 1992	Marra, Jr.	5	424	
	CI	5,146,632 A	Sept. 1992	Li	5	100	
	CJ	5,175,897 A	Jan. 1993	Marra, Jr.	5	425	
RS	CK	5,191,663 A	Mar. 1993	Holder, et al.	5	424	

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	CL						
	CM						
	CN						
	CO						
	CP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)	
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	CZ

Examiner <i>Robert B. Santos</i>	Date Considered <i>February 8, 2004</i>
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				FILING DATE August 4, 2003		GROUP Unknown	

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
R.S.	DA	5,317,770 A	Jun. 7, 1994	Sakurai	5	625	
	DB	5,511,257 A	Apr. 30, 1996	Hannes	5	100	
	DC	5,745,936 A	May 1998	Van McCutchen, et al.	5	425X	
	DD	5,802,634 A	Sep. 8, 1998	Onishi, et al.	5	93.2	
	DE	5,806,111 A	Sep. 1998	Heimbrock, et al.	5	86.1	
	DF	5,878,452 A	Mar. 1999	Brooke, et al.	5	428	
	DG	5,898,964 A	May 1999	Stanley	5	425X	
	DH	6,185,767 B1	Feb. 2001	Brooke, et al.	5	425X	
	DI	6,446,283 B1	Sep. 2002	Heimbrock, et al.	5	425	
RS	DJ	2003/0019035 A1	Jan. 2003	Heimbrock, et al.	5	428	
	DK						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	DL						
	DM						
	DN						
	DO						
	DP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)	
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	DY
	DZ

Examiner <i>Robert E. Santos</i>	Date Considered <i>February 8, 2007</i>
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/633,823	
	Filing Date	August 4, 2003	
	First Named Inventor	Richard H. Heimbrock, et al.	
	Art Unit	Unknown	
	Examiner Name	Unknown	
Total Number of Pages In This Submission	7	Attorney Docket Number	7175-73257

ENCLOSURES (check all that apply)		
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<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Proprietary Information
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
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Signature	
Date	October 22, 2003

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Typed or printed name	Von Leigh Willson	Date	October 22, 2003
Signature			

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